ABSTRACT

To provide a centralized control system for defending and taking countermeasures against an illegal access. A network device 3 detects an illegal access packet P1 transmitted from an illegal accessor's terminal 6, and transfers an encapsulated packet P2 of the illegal access packet P1 to a data center 1. A control system 11 in the data center 1 analyzes the packet P2, encapsulates a response packet P4 from a decoy server 13 pretending to be a response from a target server to be attacked 5 to acquire a packet P3, and then transmits the packet P3 to the network device 3. The network device 3 decapsulates the packet P3 so as to extract a response packet P4, and transmits the response packet P4 to the illegal accessor's terminal 6. The illegal accessor's terminal 6, upon reception of the response packet P4, would believe that the response packet P4 should be transmitted from the server 5, and start to illegally access the decoy server 13.